

## A new species of *Pingasa* (Lepidoptera, Geometridae, Geometrinae) from Hong Kong

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**Abstract** A new species of *Pingasa* is described from Hong Kong and SE Asia.

**Key words** *Pingasa*, new species, Hong Kong, China, taxonomy.

### Introduction

Holloway (1982) noted the existence in Hong Kong of an undescribed species of *Pingasa*. During recent work in Hong Kong further specimens have been taken. It is now named as :

### *Pingasa chloroides* sp. nov.

Male (Fig. 1). Forewing 19 mm ; very similar in facies to *Pingasa chlora* Stoll. The crenellated postmedial on the hindwing is bordered on the outer side with pale brown (white in *chlora*). The white markings in the submarginal area are generally less extensive in *chloroides* sp. nov., and the white area basal to the postmedial has a more uniform dusting of pale brown scales. The forewing antemedial line is subtly different, the crenellations being more sinuous, without the prominent acute angle in *chlora*.

Female. Similar to the male.

Male genitalia (Fig. 2). Differ principally from congeners in having the tips of the valves deeply bifid, each lobe terminating in a sharp point, the whole resembling a lobster claw.

Holotype. ♂, Lam Tsuen Valley, Hong Kong, 8. iii. 1997, R. Kendrick, BMNH, BM

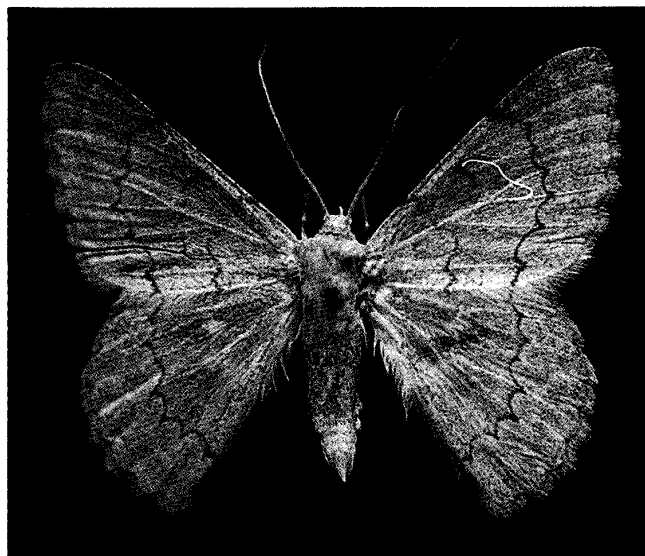


Fig. 1. *Pingasa chloroides* sp. nov., male.

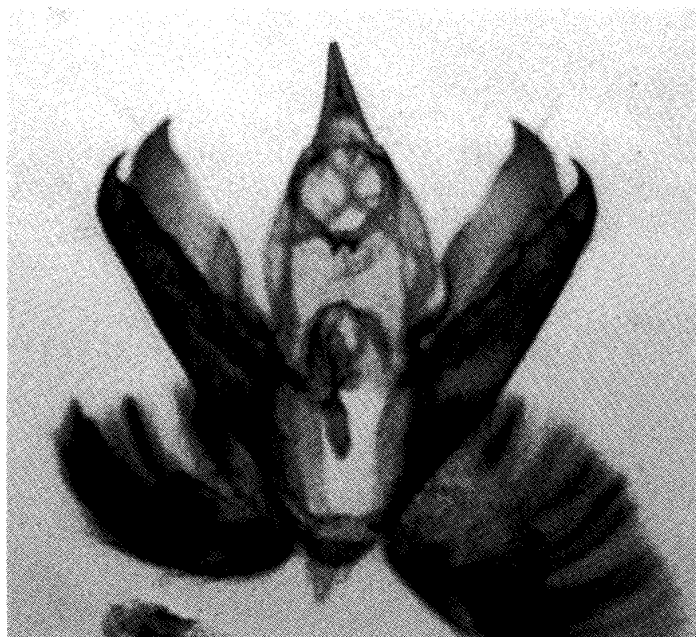


Fig. 2. *Pingasa chloroides* sp. nov., male genitalia.

Geometrid slide no 19189. Paratypes : 1 ♂, Victoria Peak, Hong Kong, 22. vi. 1922, coll A. C. Galsworthy ; 1 ♂, Lai Chi Chong, Hong Kong, 12. vi. 1997, BMNH ; 1 ♂, Yuen Long, Hong Kong, 19. xi. 1987, K. Li, BMNH ; 1 ♀, Fauling, SE China, ix. 1911 (E. Wahr), Rothschild collection, BM 1939-1 ; 1 ♂, Cochin China, Nacham, vii. 1936, S. Masseyeff, BM 1937-658 ; 1 ♂, Hong Kong, ii. 1892, JOW, BM 92-114, BM Geometrid slide no 11061.

Rasge. SE China, Hong Kong, Indo-China.

Remarks. This species resembles *P. secreta* Inoue from Taiwan, but differs in narrower forewings and more elongated hindwing, narrower brown border on both wings, crenellated postmedial on hindwing straighter (curved towards the inner margin in *secreta*) and no or very little white on outer edge of postmedial of hindwing, and in male genitalia. There is a single female specimen from Taiwan (Formosa, Takow, 24. v. 1905, A. E. Wileman, BM 1913-180) in the BMNH which appears to belong to this species, but in the absence of male material from Taiwan it has been omitted from the type series.

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### Reference

- Holloway, J. D. 1982. Taxonomic appendix. In Barlow, H. S., *An Introduction to the Moths of South East Asia* : 174-271. Kuala Lumpur.

## 摘 要

香港産 *Pingasa* の 1 新種 (A. C. Galsworthy)

香港から *Pingasa* 属のオアシャクの 1 新種, *P. chloroides* sp. nov. を記載した. 外観は *P. chlora* Stoll に似るが, ♂交尾器 valva は先端で深く二分し, エビの鉗のように鋭く尖る点で, 他の同属種とも区別できる. 本新種は, 香港の他, 中国南東部, インドシナにも分布する.

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